

**What is Claimed is:**

1. A synthetic fibril comprising carbon nanotube and spider silk or silkworm silk.
- 5 2. A method for producing the synthetic fibril of claim 1 comprising electrospinning carbon nanotube with spider silk or silkworm silk into single fibrils.
- 10 3. A biomedical device comprising the synthetic fibril of claim 1.
4. A blast or ballistic protection device comprising the synthetic fibril of claim 1.
- 15 5. An electroconducting fiber comprising the fibril of claim 1.